

Table 10. Net Petroleum Imports, Actual vs. Forecasts

	Comparison of AEO Imports Forecasts to Historical Figures										
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
(million barrels per day)											
AEO82	7.58	7.45	7.12	6.82	6.66	7.09					
AEO83	5.15	5.44	5.73	5.79	5.72	5.95					6.96
AEO84	4.85	5.11	5.53	5.95	6.31	6.59					8.65
AEO85	4.17	4.38	4.73	4.93	5.36	5.72	6.23	6.66	7.14	7.39	7.74
AEO86		5.15	5.38	5.46	5.92	6.46	7.09	7.50	7.78	7.96	8.20
AEO87			5.81	6.04	6.81	7.28	7.82	8.34	8.71	8.94	8.98
AEO89				6.28	6.84	7.49	7.96	8.53	8.83	9.04	9.28
AEO90					7.20	7.61					9.13
AEO91						7.28	7.25	7.34	7.48	7.72	8.10
AEO92							6.86	7.42	7.88	8.16	8.55
AEO93								7.25	8.01	8.49	9.06
AEO94									8.04	8.77	9.21
AEO95										8.09	8.65
AEO96											8.25
AEO97											
AEO98											
AEO99											
AEO2000											
AEO2001											
AEO2002											
Actual	4.29	5.44	5.91	6.59	7.20	7.16	6.63	6.94	7.62	8.05	7.89
Average Absolute Error Across AEOs)	1.21	0.74	0.60	0.76	0.85	0.56	0.71	0.72	0.52	0.47	0.80
(percent error)											
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995
AEO82	76.7	36.9	20.5	3.5	-7.5	-1.0					
AEO83	20.0	0.0	-3.0	-12.1	-20.6	-16.9					-11.8
AEO84	13.1	-6.1	-6.4	-9.7	-12.4	-8.0					9.6
AEO85	-2.8	-19.5	-20.0	-25.2	-25.6	-20.1	-6.0	-4.0	-6.3	-8.2	-1.9
AEO86		-5.3	-9.0	-17.1	-17.8	-9.8	6.9	8.1	2.1	-1.1	3.9
AEO87			-1.7	-8.3	-5.4	1.7	17.9	20.2	14.3	11.1	13.8
AEO89				-4.7	-5.0	4.6	20.1	22.9	15.9	12.3	17.6
AEO90					0.0	6.3					15.7
AEO91						1.7	9.4	5.8	-1.8	-4.1	2.7
AEO92							3.5	6.9	3.4	1.4	8.4
AEO93								4.5	5.1	5.5	14.8
AEO94									5.5	8.9	16.7
AEO95										0.5	9.6
AEO96											4.6
AEO97											
AEO98											
AEO99											
AEO2000											
AEO2001											
AEO2002											
Average Absolute Percent Error (Across AEOs)	28.1	13.6	10.1	11.5	11.8	7.8	10.6	10.3	6.8	5.9	10.1

Table 10. Net Petroleum Imports, Actual vs. Forecasts

	Comparison of AEO Imports Forecasts to Historical Figures										
	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
(million barrels per day)											
AEO82											
AEO83											
AEO84											
AEO85											
AEO86	8.47	8.74	9.04	9.57	9.76						
AEO87					10.01						
AEO89	9.60	9.64	9.75	10.02	10.20						
AEO90					9.95					11.02	
AEO91	8.57	9.09	9.61	10.07	10.51	11.00	11.44	11.72	11.86	12.11	12.30
AEO92	8.80	9.06	9.32	9.50	9.80	10.17	10.35	10.56	10.61	10.85	11.00
AEO93	9.38	9.92	10.29	10.53	10.77	11.09	11.31	11.50	11.63	11.86	12.01
AEO94	9.60	10.02	10.24	10.63	10.94	11.23	11.54	11.79	12.05	12.26	12.44
AEO95	8.99	9.56	9.89	10.25	10.46	10.74	10.96	11.24	11.53	11.79	11.95
AEO96	8.51	8.82	9.31	9.64	10.08	10.43	10.66	10.90	11.15	11.41	11.54
AEO97	8.49	8.89	9.58	10.04	10.48	10.89	11.19	11.48	11.74	12.00	12.23
AEO98		9.05	9.29	10.01	10.17	10.62	11.10	11.33	11.77	12.10	12.48
AEO99			9.26	9.43	10.65	11.02	11.38	11.61	11.88	12.17	12.45
AEO2000				9.86	10.54	11.06	11.47	11.83	12.23	12.55	12.85
AEO2001					10.168	10.95	11.04	11.27	11.75	12.15	12.62
AEO2002						9.02	9.55	9.40	9.93	10.37	10.55
Actual	8.50	9.16	9.76	9.91	10.42	10.64					
Average Absolute Error Across AEOs)	0.44	0.38	0.37	0.31	0.29	0.43					

	1996	1997	1998	1999	2000	2001
(percent error)						
AEO82						
AEO83						
AEO84						
AEO85						
AEO86	-0.4	-4.6	-7.4	-3.4	-6.3	
AEO87					-3.9	
AEO89	12.9	5.2	-0.1	1.1	-2.1	
AEO90					-4.5	
AEO91	0.8	-0.8	-1.5	1.6	0.9	3.4
AEO92	3.5	-1.1	-4.5	-4.1	-5.9	-4.4
AEO93	10.4	8.3	5.4	6.3	3.4	4.3
AEO94	12.9	9.4	4.9	7.3	5.0	5.6
AEO95	5.8	4.4	1.3	3.4	0.4	1.0
AEO96	0.1	-3.7	-4.6	-2.7	-3.3	-1.9
AEO97	-0.1	-2.9	-1.8	1.3	0.6	2.4
AEO98		-1.2	-4.8	1.0	-2.4	-0.2
AEO99			-5.1	-4.9	2.2	3.6
AEO2000				-0.5	1.2	4.0
AEO2001					-2.4	2.9
AEO2002						-15.2
Average Absolute Percent Error (Across AEOs)	5.2	4.2	3.8	3.1	2.8	3.5

Table 10. Net Petroleum Imports, Actual vs. Forecasts

	AEO Imports Forecasts					2012	2013	2014	2015
	2007	2008	2009	2010	2011				
(million barrels per day)									
AEO82									
AEO83									
AEO84									
AEO85									
AEO86									
AEO87									
AEO89									
AEO90					12.33				
AEO91	12.49	12.71	12.91	12.98					
AEO92	11.15	11.29	11.50	11.64					
AEO93	12.08	12.10	12.26	12.24					
AEO94	12.56	12.71	12.79	12.80					
AEO95	12.11	12.17	12.22	12.22					
AEO96	11.67	11.75	11.79	11.84	11.85	11.91	11.90	11.83	11.79
AEO97	12.47	12.65	12.75	12.90	13.04	13.16	13.27	13.33	13.46
AEO98	12.71	13.02	13.45	13.67	13.93	14.30	14.36	14.65	14.92
AEO99	12.74	13.10	13.39	13.70	13.90	14.09	14.29	14.50	14.76
AEO2000	13.09	13.37	13.61	13.85	14.01	14.22	14.46	14.72	14.96
AEO2001	13.01	13.31	13.63	13.93	14.24	14.46	14.71	15.00	15.24
AEO2002	10.74	10.93	11.07	11.18	11.32	11.35	11.24	11.12	11.01

Table 10. Net Petroleum Imports, Actual vs. Forecasts

	Absolute Forecasting Errors as Compared to Actual Historical Figures										1993	1994	1995	
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994				
(absolute forecasting error)														
AEO82	3.29	2.01	1.21	0.23	0.54	0.07								
AEO83	0.86	0.00	0.18	0.80	1.48	1.21								0.93
AEO84	0.56	0.33	0.38	0.64	0.89	0.57								0.76
AEO85	0.12	1.06	1.18	1.66	1.84	1.44	0.40	0.28	0.48	0.66				0.15
AEO86		0.29	0.53	1.13	1.28	0.70	0.46	0.56	0.16	0.09				0.31
AEO87			0.10	0.55	0.39	0.12	1.19	1.40	1.09	0.89				1.09
AEO89				0.31	0.36	0.33	1.33	1.59	1.21	0.99				1.39
AEO90					0.00	0.45								1.24
AEO91						0.12	0.62	0.40	0.14	0.33				0.21
AEO92							0.23	0.48	0.26	0.11				0.66
AEO93								0.31	0.39	0.44				1.17
AEO94									0.42	0.72				1.32
AEO95										0.04				0.76
AEO96														0.36
AEO97														
AEO98														
AEO99														
AEO2000														
AEO2001														
AEO2002														
(absolute percent error)														
	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995			
AEO82	76.7	36.9	20.5	3.5	7.5	1.0								
AEO83	20.0	0.0	3.0	12.1	20.6	16.9								11.8
AEO84	13.1	6.1	6.4	9.7	12.4	8.0								9.6
AEO85	2.8	19.5	20.0	25.2	25.6	20.1	6.0	4.0	6.3	8.2	1.9			
AEO86		5.3	9.0	17.1	17.8	9.8	6.9	8.1	2.1	1.1	3.9			
AEO87			1.7	8.3	5.4	1.7	17.9	20.2	14.3	11.1	13.8			
AEO89				4.7	5.0	4.6	20.1	22.9	15.9	12.3	17.6			
AEO90					0.0	6.3								15.7
AEO91						1.7	9.4	5.8	1.8	4.1	2.7			
AEO92							3.5	6.9	3.4	1.4	8.4			
AEO93								4.5	5.1	5.5	14.8			
AEO94									5.5	8.9	16.7			
AEO95										0.5	9.6			
AEO96											4.6			
AEO97														
AEO98														
AEO99														
AEO2000														
AEO2001														
AEO2002														

Table 10. Net Petroleum Imports, Actual vs. Forecasts

	Absolute Forecasting Errors as Compared to Actual Historical Figures						Average Absolute Error (Across Years)
	1996	1997	1998	1999	2000	2001	
(absolute forecasting error)							
AEO82							1.23
AEO83							0.78
AEO84							0.59
AEO85							0.84
AEO86	0.03	0.42	0.72	0.34	0.66		0.51
AEO87							0.76
AEO89	1.10	0.48	0.01	0.11	0.22		0.73
AEO90							0.56
AEO91	0.07	0.07	0.15	0.16	0.09	0.36	0.23
AEO92	0.30	0.10	0.44	0.41	0.62	0.47	0.37
AEO93	0.88	0.76	0.53	0.62	0.35	0.45	0.59
AEO94	1.10	0.86	0.48	0.72	0.52	0.59	0.75
AEO95	0.49	0.40	0.13	0.34	0.04	0.10	0.29
AEO96	0.01	0.34	0.45	0.27	0.34	0.21	0.28
AEO97	0.01	0.27	0.18	0.13	0.06	0.25	0.15
AEO98		0.11	0.47	0.10	0.25	0.02	0.19
AEO99			0.50	0.48	0.23	0.38	0.40
AEO2000				0.05	0.12	0.42	0.20
AEO2001					0.25	0.31	0.28
AEO2002						1.62	1.62
Actual							
Average Absolute Error Across AEOs)							0.55
(absolute percent error)							
	1996	1997	1998	1999	2000	2001	Average Absolute Percent Error (Across Years)
AEO82							24.3
AEO83							12.1
AEO84							9.3
AEO85							12.7
AEO86	0.4	4.6	7.4	3.4	6.3	0.0	6.5
AEO87							10.5
AEO89	12.9	5.2	0.1	1.1	2.1	0.0	8.9
AEO90							7.3
AEO91	0.8	0.8	1.5	1.6	0.9	3.4	2.9
AEO92	3.5	1.1	4.5	4.1	5.9	4.4	4.3
AEO93	10.4	8.3	5.4	6.3	3.4	4.3	6.8
AEO94	12.9	9.4	4.9	7.3	5.0	5.6	8.5
AEO95	5.8	4.4	1.3	3.4	0.4	1.0	3.3
AEO96	0.1	3.7	4.6	2.7	3.3	1.9	3.0
AEO97	0.1	2.9	1.8	1.3	0.6	2.4	1.5
AEO98		1.2	4.8	1.0	2.4	0.2	1.9
AEO99			5.1	4.9	2.2	3.6	4.0
AEO2000				0.5	1.2	4.0	1.9
AEO2001					2.4	2.9	2.7
AEO2002						15.2	15.2
Average Absolute Percent Error (Across AEOs)							7.4